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=> d his


        (FILE 'USPAT' ENTERED AT 10:00:02 ON 22 FEB 1999)
L1          884 S DATABASE AND TEMPORAL
L2       138859 S MEDIA OR MULTIMEDIA
L3          379 S L1 AND L2
L4       101214 S CLIP?
L5          -77 S L3 AND L4
L6           18 S (TAG OR TAGS) AND L5
L7           18 S CONTROL? AND L6
L8           12 S TRANSITION# AND L7
L9           12 S SELECT? AND L8
L10           0 S (DESELECT OR DESELECTING) AND L9
L11          12 S RANGE# AND L9
L12           6 S CUE# AND L11

=> d cit 112 1-6
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1. 5,867,654, Feb. 2, 1999, Two monitor videoconferencing hardware;
Lester F. Ludwig, et al., 345/330 [IMAGE AVAILABLE]

2. 5,854,893, Dec. 29, 1998, System for teleconferencing in which
collaboration types and participants by names or icons are **selected**
by a participant of the teleconference; Lester F. Ludwig, et al.,
395/200.34, 200.35, 200.57, 200.61, 200.76, 200.79 [IMAGE AVAILABLE]

3. 5,802,294, Sep. 1, 1998, Teleconferencing system in which location
video mosaic generator sends combined local participants images to second
location video mosaic generator for displaying combined images; Lester F.
Ludwig, et al., 395/200.34; 370/260, 267; 379/202; 395/200.68 [IMAGE
AVAILABLE]

4. 5,758,079, May 26, 1998, Call **control** in video conferencing
allowing acceptance and identification of participants in a new incoming
call during an active teleconference; Lester F. Ludwig, et al.,
395/200.34; 345/330; 370/261; 379/202 [IMAGE AVAILABLE]

5. 5,689,641, Nov. 18, 1997, **Multimedia** collaboration system
arrangement for routing compressed AV signal through a participant site
without decompressing the AV signal; Lester F. Ludwig, et al.,
395/200.71; 348/15, 16; 370/260, 270; 395/200.34 [IMAGE AVAILABLE]

6. 5,617,539, Apr. 1, 1997, **Multimedia** collaboration system with
separate data network and A/V network **controlled** by information
transmitting on the data network; Lester F. Ludwig, et al., 395/200.35;
345/330; 348/12; 370/260; 395/200.68, 200.79 [IMAGE AVAILABLE]

1. 5,870,768, Feb. 9, 1999, Expert system and method employing hierarchical knowledge base, and interactive **multimedia**/hypermedia applications; Amir Hekmatpour, 707/501; 345/339, 347; 706/45 [IMAGE AVAILABLE]

2. 5,867,654, Feb. 2, 1999, Two monitor videoconferencing hardware; Lester F. Ludwig, et al., 345/330 [IMAGE AVAILABLE]

3. 5,854,893, Dec. 29, 1998, System for teleconferencing in which collaboration types and participants by names or icons are **selected** by a participant of the teleconference; Lester F. Ludwig, et al., 395/200.34, 200.35, 200.57, 200.61, 200.76, 200.79 [IMAGE AVAILABLE]

4. 5,822,745, Oct. 13, 1998, Expert system and method employing hierarchical knowledge base, and interactive **multimedia**/hypermedia applications; Amir Hekmatpour, 706/59, 46, 60 [IMAGE AVAILABLE]

5. 5,806,056, Sep. 8, 1998, Expert system and method employing hierarchical knowledge base, and interactive **multimedia**/hypermedia applications; Amir Hekmatpour, 706/50, 45, 46, 61 [IMAGE AVAILABLE]

6. 5,802,294, Sep. 1, 1998, Teleconferencing system in which location video mosaic generator sends combined local participants images to second location video mosaic generator for displaying combined images; Lester F. Ludwig, et al., 395/200.34; 370/260, 267; 379/202; 395/200.68 [IMAGE AVAILABLE]

7. 5,758,079, May 26, 1998, Call **control** in video conferencing allowing acceptance and identification of participants in a new incoming call during an active teleconference; Lester F. Ludwig, et al., 395/200.34; 345/330; 370/261; 379/202 [IMAGE AVAILABLE]

8. 5,720,007, Feb. 17, 1998, Expert system and method employing hierarchical knowledge base, and interactive **multimedia**/hypermedia applications; Amir Hekmatpour, 706/50, 11, 46 [IMAGE AVAILABLE]

9. 5,696,885, Dec. 9, 1997, Expert system and method employing hierarchical knowledge base, and interactive **multimedia**/hypermedia applications; Amir Hekmatpour, 706/59, 12 [IMAGE AVAILABLE]

10. 5,689,641, Nov. 18, 1997, **Multimedia** collaboration system arrangement for routing compressed AV signal through a participant site without decompressing the AV signal; Lester F. Ludwig, et al., 395/200.71; 348/15, 16; 370/260, 270; 395/200.34 [IMAGE AVAILABLE]

11. 5,644,686, Jul. 1, 1997, Expert system and method employing hierarchical knowledge base, and interactive **multimedia**/hypermedia applications; Amir Hekmatpour, 706/45, 53, 61; 707/501 [IMAGE AVAILABLE]

12. 5,617,539, Apr. 1, 1997, **Multimedia** collaboration system with separate data network and A/V network **controlled** by information transmitting on the data network; Lester F. Ludwig, et al., 395/200.35; 345/330; 348/12; 370/260; 395/200.68, 200.79 [IMAGE AVAILABLE]

TITLE: Time index access structure for temporal databases having
                 concurrent multiple versions

1. 5,440,730, Aug. 8, 1995, Time index access structure for temporal
databases having concurrent multiple versions; **Ramez A. Elmasri**, et
al., 707/203; 364/282.1, 282.3, DIG.1; 711/159 [IMAGE AVAILABLE]

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ABSTRACT:
A time index for temporal databases is provided which enables the
retrieval of database object versions that are valid during specified
time periods. Unlike prior access and retrieval structures, the present
index is based on objects whose search values are time intervals rather
than time points. A series of ordered indexing points is defined by the
start and end of object version intervals and these points are used to
build an indexing structure, which may take the form of a B.sup.+ -tree.
Each leaf node entry of the B.sup.+ -tree represents an indexing point
and has an associated bucket of pointers which identify all object
versions that are valid at that time. Storage space is reduced by
including only incremental change indicators in the buckets of
non-leading leaf entries and calculating needed pointers from such
indicators. The time index may be employed in multi-level structures with
attribute indexes to greatly improve the efficiency of temporal search
operations, such as aggregate functions and temporal selection, as well
WHEN and JOIN operators.